



DCMA

Customer User Guide for the Quality Leading Indicator (QLI) eTool

ACQUISITION INSIGHT  GLOBAL ENGAGEMENT



QLI User Guide Contents

The Guide consists of the following:

- Purpose
- Objectives
- History
- The Eight Leading Indicators
- Obtaining External (**Customer**) Web Access Management (**EWAM**) Access to the eTool
- How to use the eTool

Back-Up Slides

- Detail Information on the Indicators

The purpose of the QLI Tool is to provide a systematic way for DCMA to document contractor performance, monitor status at various levels (Program, Center, Facility, etc), determine contractor risk on a monthly basis, and provide the NASA customer with the ability to view all information.

- **Serves** as a tool for monthly quality assessment of supplier's risk of hardware, software, and overall systems
- **Standardizes** DCMA's reporting metrics
- **Provides** the customer with the ability to view monthly contractor risk status
- **Provides** customer satisfaction

Background:

- In 2002, NASA reviewed and determined that DCMA's Risk Assessment Management Plan (RAMP) did not satisfactorily focus on NASA's critical risk concerns.
- As a result, HQ NASA requested that DCMA develop and deploy an automated system to facilitate the collection and dissemination of supplier risk data, accessible to authorized NASA personnel.
- Working together at several pilot sites, DCMA and NASA jointly developed a set of **8 leading indicators** to be used for evaluating NASA suppliers.
- During 2004-2005 an eTool application was developed and piloted to begin the process of tracking risk at supplier facilities.
- Launched in February 2006, the QLI eTool is the first system that provides our customers with the ability to view supplier data on a monthly basis.

The **8** leading indicators are:

- **Monthly Corrective Action Requests**
- **External Findings and Quality Escapes**
- **Monitoring and Measurement**
- **Corrective Action System**
- **Analysis of Data Collection**
- **Purchasing and Control of Sub-tier Suppliers**
- **Documentation and Control of Procedures**
- **Personnel Qualification and Competency**



The Eight Leading Indicators

Cont'

- **The Indicators that require tracking and documenting will be clearly specified in the NASA LoD.**
 - **Example: If the NASA LoD does not require DCMA to monitor Purchasing and Control of Sub-Tier Suppliers, then that Indicator is NOT required to be tracked and the circle would remain grey.**
- **Data sources may come from any identified data source or cited Aerospace Standard (AS)9100 Clause. The indicator shall be documented for any or all sources of data.**

There are **three** user groups authorized to use the QLI eTool application:

- **The Customer (External) User** - Personnel or Program Managers appointed by NASA to view data and use the QLI eTool.
- **The DCMA (Internal) User** - DCMA Specialist appointed by the NASA Product Office (NPO) or local CMO to input, update, or view the QLI eTool.
- **The Administrator** - DCMA personnel in this role will have DCMA User rights plus the ability to manage the contractor list by adding or removing contractors based on customer (**internal** or **external**) feedback.



Customer User QLI Access

DEFENSE CONTRACT MANAGEMENT AGENCY

- **Step 1** - As a Customer, you are an **EXTERNAL** (EWAM) user of the DCMA eTool and must have your name submitted to DCMA-IT via the NASA Liaison or HQ POC to obtain access.
- **Step 2** - Go to the <http://www.dcma.mil/> Public Web Page.
- **Step 3** - Select eTools.
- **Step 4** - The first time an External User accesses eTools from the DCMA Public Home Page, registration to obtain a USER ID and PASSWORD must be completed. See step-by-step guide on registering with EWAM on the DCMA Home Page www.dcma.mil .
- **Step 5** - Log in to eTools using your username and password.



DCMA Customer User Access

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DCMA
Defense Contract Management Agency

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The Agency
About DCMA
Mission, Vision, & Goals
Our Values
Services We Provide

Plant Clearance (PCARSS)
eTools
Electronic Invoicing
No FEAR Act Data (Interim)
Contact Us
CAS Directory
Telework Portal
Login to DCMA Intranet

Welcome to the **Defense Contract Management Agency (DCMA)**.

We are an independent combat support agency within the Department of Defense (DoD). We are the Department's contract manager, responsible for ensuring Federal acquisition programs, supplies, and services are delivered on time, within cost and meet performance requirements.

DefenseLINK
U.S. DEPARTMENT OF DEFENSE

Coming Soon... **EXTERNAL DoD CUSTOMER ACCESS FROM HOME**

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We Want Your FEEDBACK
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The **External** user will access the QLI application from the DCMA.mil Public Web Page. Click on eTools



Customer User

DCMA

Defense Contract Management Agency

Please log in

Specify username and password

Username:

Password:

Login

Reset

Log into eTools using your User ID and Password. Your designation as an **External User will determine the screens you will see once logged into the system.**

NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address <https://devcf.dcma.mil/nasaqli2.0/index.cfm> Go

DCMA eTools Welcome Birmingham Eldridge

NASA Quality Leading Indicator 2.0

Home

Welcome to NASA Quality Leading Indicator 2.0

NASA QLI is used to assess a supplier's facility using a common set of criteria to identify risk.

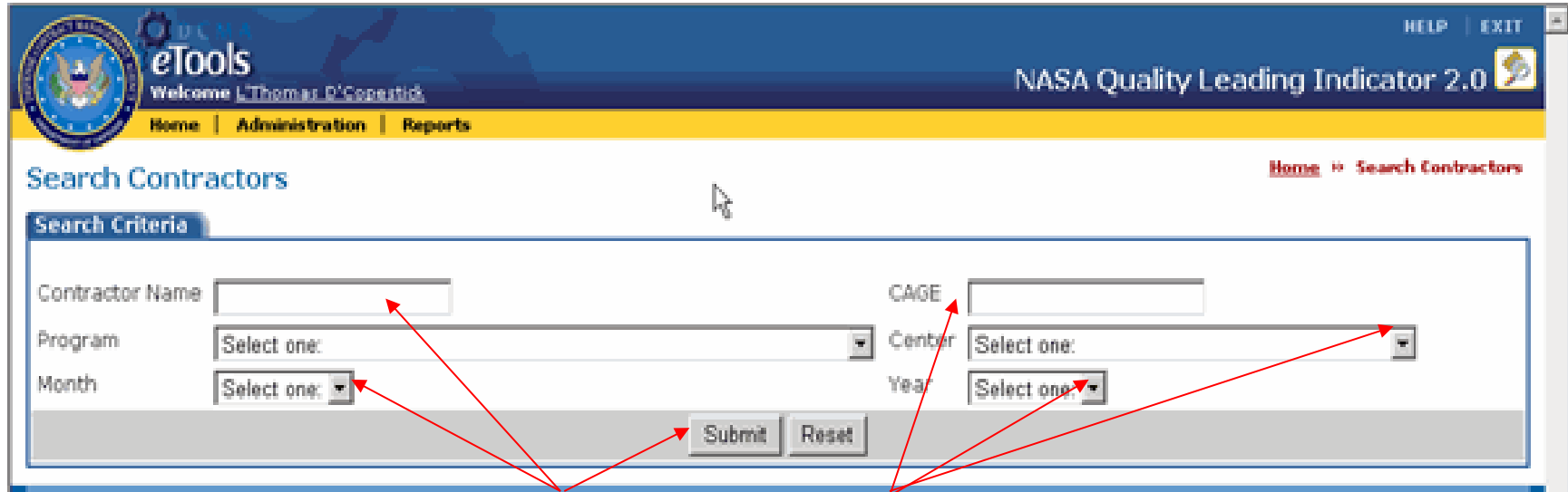
- [Search Contractors](#)

eTools Training • Site Index • Links • Privacy • FOIA • Accessibility

Best viewed using Internet Explorer v6.0 at 1024 x 768 resolution.

Local intranet

**Enter by
selecting the
“Search
Contractors”
link**

A screenshot of the DCMA eTools "Search Contractors" page. The page has a blue header with the DCMA logo, "eTools" text, a welcome message for "Thomas D'Costa", and a "NASA Quality Leading Indicator 2.0" badge. A yellow navigation bar contains links for "Home", "Administration", and "Reports". The main content area is titled "Search Contractors" and includes a "Search Criteria" section. This section contains several input fields: "Contractor Name" (a text box), "Program" (a pull-down menu with "Select one:"), "Month" (a pull-down menu with "Select one:"), "CAGE" (a text box), "Center" (a pull-down menu with "Select one:"), and "Year" (a pull-down menu with "Select one:"). At the bottom of the search criteria section are "Submit" and "Reset" buttons. Red arrows point from the text box in the instruction below to the "Contractor Name", "CAGE", and "Submit" fields.

Input search criteria in at least **1 of the fields, entering more fields will narrow your search. Search by using the pull-down menus, enter the cage code, or contractor name. In the “Contractor Name” field enter at least the first letter of the name. Click the “Submit” button.**

DCMA Search for Contractor Name

DEFENSE CONTRACT MANAGEMENT AGENCY

Again: To move back and forth between pages use these links and not the green back arrow on the Web-page.

Search Criteria

Contractor Name

Program

Month

CAGE

Center

Year

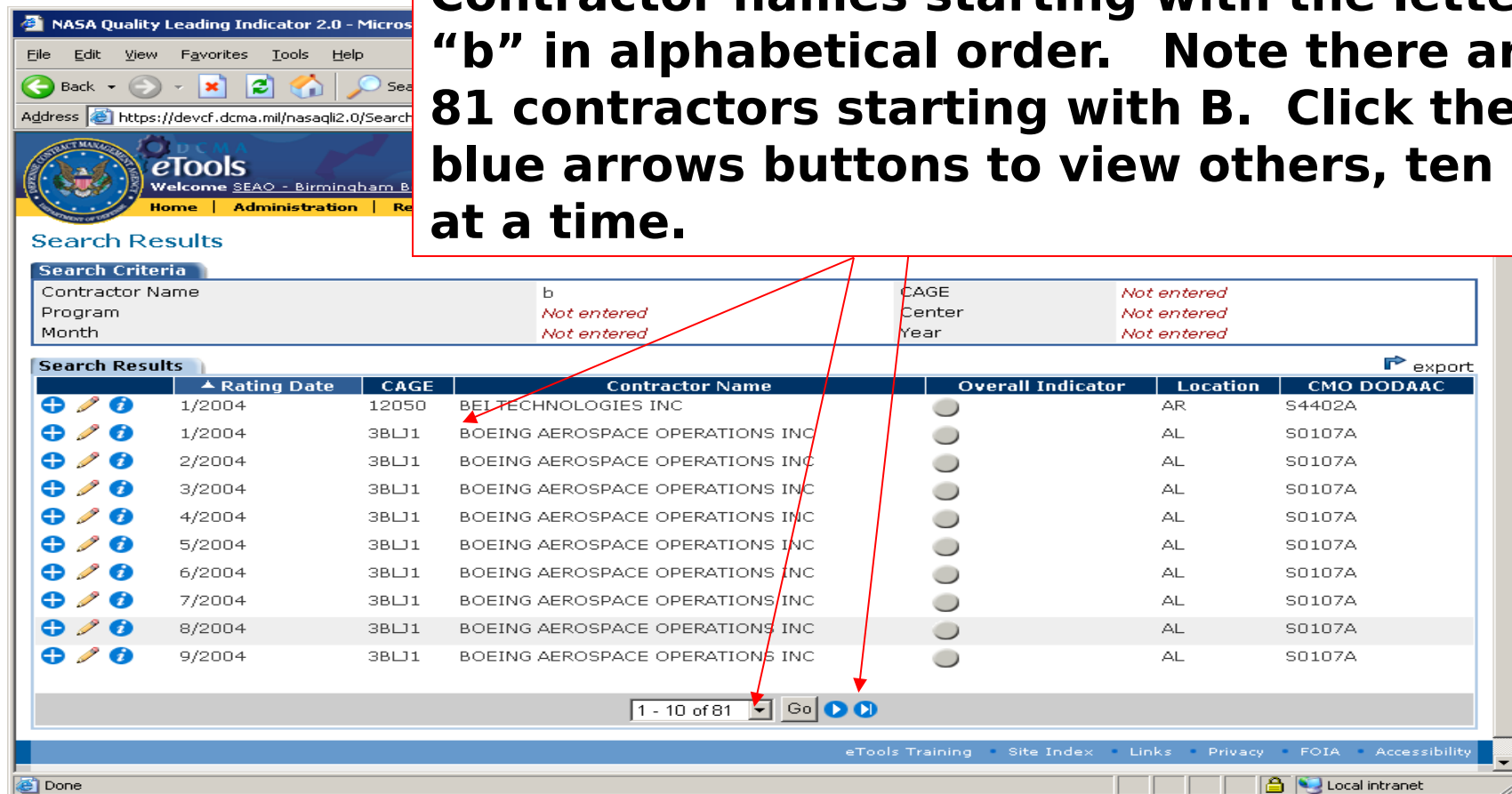
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Best viewed using Internet Explorer v6.0 at 1024 x 768 resolution.

Example: If unsure of a Contractor name spelling but know that it starts with the letter "B". Type the letter "b" to search for all contractor names starting with B. Click the "Submit" button.



The search results will show all Contractor names starting with the letter "b" in alphabetical order. Note there are 81 contractors starting with B. Click the blue arrows buttons to view others, ten at a time.



Search Criteria

Contractor Name	b	CAGE	Not entered
Program	Not entered	Center	Not entered
Month	Not entered	Year	Not entered

Search Results

	Rating Date	CAGE	Contractor Name	Overall Indicator	Location	CMO DODAAC
+ i	1/2004	12050	BEL TECHNOLOGIES INC		AR	S4402A
+ i	1/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	2/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	3/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	4/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	5/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	6/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	7/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	8/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
+ i	9/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A

1 - 10 of 81 Go [Next] [Previous]

DCMA Search Other Names

DEFENSE CONTRACT MANAGEMENT AGENCY

Click the blue arrow buttons to view others; move back to start or end of "B" Contractors by using different arrows.

NASA Quality Leading Indicator 2.0 - M

File Edit View Favorites Tools Help

Back Address https://devcf.dcm.mil/nasaqli2.0/

Search Results

Search Criteria

Contractor Name	b	CAGE	Not entered
Program	Not entered	Center	Not entered
Month	Not entered	Year	Not entered

Search Results

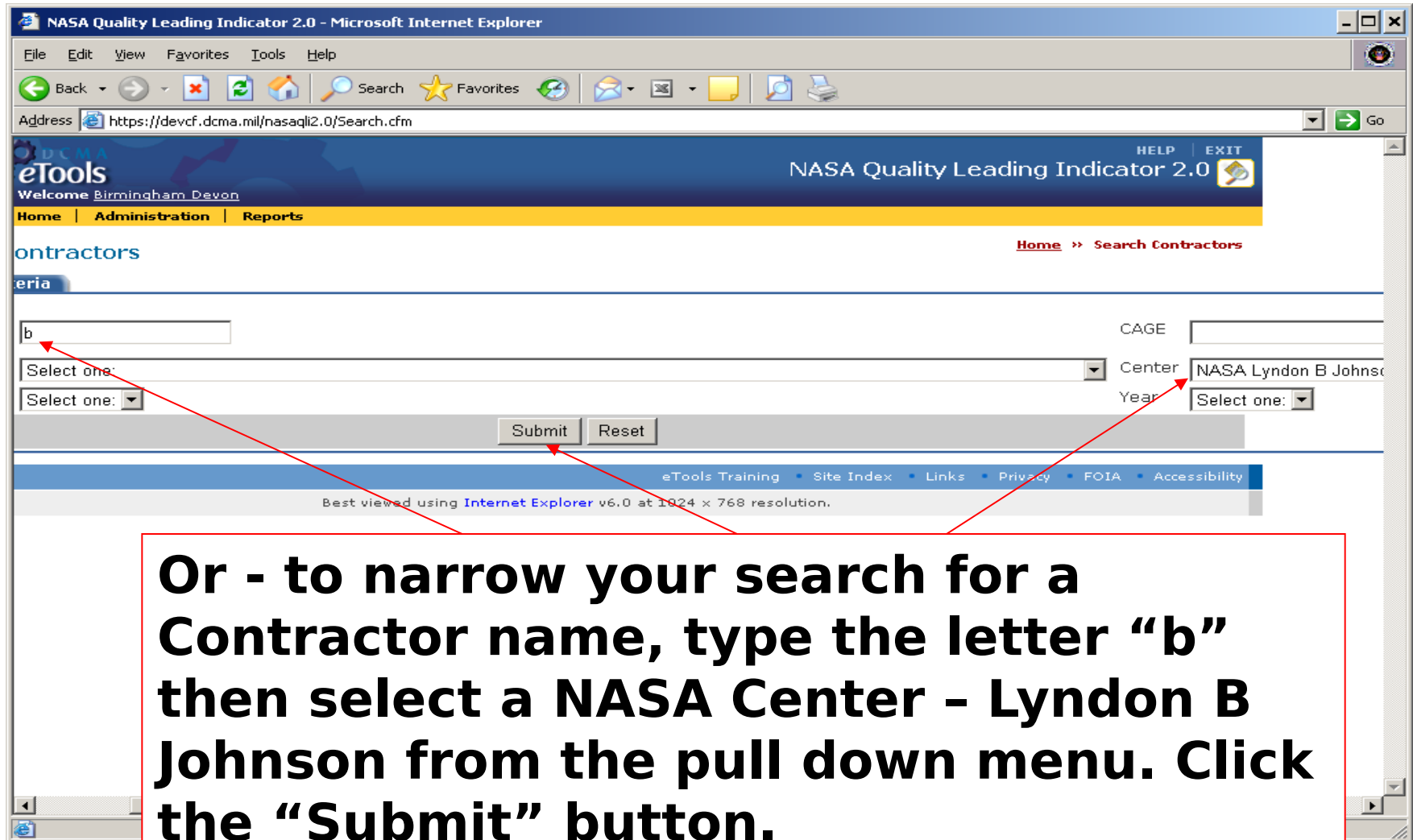
	Rating Date	CAGE	Contractor Name	Overall Indicator	Location	CMO DODAAC
i	10/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
i	10/2004	9E831	BOEING SATELLITE SYSTEMS, INC		CA	S0530A
i	11/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
i	11/2004	13993	BALL AEROSPACE & TECHNOLOGIES CORPORATION		CO	S0602A
i	11/2004	9E831	BOEING SATELLITE SYSTEMS, INC		CA	S0530A
i	12/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
i	12/2004	13993	BALL AEROSPACE & TECHNOLOGIES CORPORATION		CO	S0602A
i	12/2004	9E831	BOEING SATELLITE SYSTEMS, INC		CA	S0530A
i	1/2005	3BLJ1	BOEING AEROSPACE OPERATIONS INC		AL	S0107A
i	1/2005	13993	BALL AEROSPACE & TECHNOLOGIES CORPORATION		CO	S0602A

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eTools Training Site Index Links Privacy FOIA Accessibility

Done Local intranet





Or - to narrow your search for a Contractor name, type the letter “b” then select a NASA Center - Lyndon B Johnson from the pull down menu. Click the “Submit” button.

The search results will show all Contractor names starting with the letter “b” with Lyndon B Johnson NASA Center in alphabetical order. Note there are now 17 contractors. Click the blue arrows buttons to view others, ten at a time.

Search Results

Search Criteria

Contractor Name	b	CAGE	Not entered
Program	Not entered	Center	NASA Lyndon B Johnson Space Center
Month	Not entered	Year	Not entered

Search Results

	Rating Date	CAGE	Contractor Name	Overall Indicator	Location	CMO DODAAC
i	1/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	2/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	3/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	4/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	5/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	6/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	7/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	8/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	9/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A
i	10/2004	3BLJ1	BOEING AEROSPACE OPERATIONS INC	●	AL	S0107A

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Done Local intranet

NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

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Address <https://emini.dcmi.mil/nasaqli2.0/Search.cfm> Go Links

DCMA eTools Welcome Rochelle Riebau NASA Quality Leading Indicator 2.0 HELP EXIT

Home Administration

Search Contractors

Search Criteria

Contractor Name

CAGE

Program Select one:

Center Select one:

Month Select one:

Year

Submit Reset

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Best viewed using Internet Explorer v6.0 at 1024 x 768 resolution.

Start C:\Documents an... Microsoft PowerP... eTools - Microsoft ... NASA Quality Le... Links 12:09 PM

Or - if you want to review all Suppliers for a specific year, use the pull-down menu to select the year. Click the "Submit" button.

DCMA Search by Cage Code

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NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

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Address <https://devcf.dcma.mil/nasagil2.0/Search.cfm> Go

NASA Quality Leading Indicator 2.0

Home » Search Contractors

CAGE

Center

Year

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If known, search by Cage Code - Example: Type in 11447. Click the "Submit" button



DCMA Search by Cage Code

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The search results will show all monthly rating data for cage code 11447 - L-3 Communications. Search result show rating data for 1 through 10/2005. Click the blue arrows buttons to view the last 2 months of data.

The screenshot displays the DCMA Search by Cage Code interface. At the top, a navigation bar includes links for Home, Search Contractors, and Search Results. Below this, the Search Criteria section shows fields for Contractor Name, Program, and Month, all marked as 'Not entered'. To the right, the CAGE field is set to 11447, while Center and Year are also marked as 'Not entered'. The Search Results section features a table with columns for Rating Date, CAGE, Contractor Name, Overall Indicator, Location, and CMO DODAAC. The table lists 10 entries for the month of 10/2005, all for cage code 11447 and contractor L-3 COMMUNICATIONS CORPORATION. The Overall Indicator column shows a series of grey circles. At the bottom of the table, there is a pagination control showing '1 - 10 of 12' and a 'Go' button with blue arrows. The footer of the page includes links for eTools Training, Site Index, Links, Privacy, FOIA, and Accessibility, along with a 'Local intranet' link.

Rating Date	CAGE	Contractor Name	Overall Indicator	Location	CMO DODAAC
1/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
2/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
3/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
4/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
5/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
6/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
7/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
8/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
9/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
10/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A



NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address <https://devcf.dcmamill/nasaqli2.0/Search.cfm> Go

 **eTools** NASA Quality Leading Indicator 2.0
Welcome [SEAQ - Birmingham Eldridge](#) [HELP](#) [EXIT](#)

[Home](#) | [Administration](#) | [Reports](#)

[Home](#) » [Search Contractors](#)

Search Contractors

Search Criteria

Contractor Name	L-3	CAGE	
Program	Select one:	Center	Select one:
Month	Select one:	Year	Select one:

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Local intranet

**Or find a Contractor by name
example: Type in L-3. Click the
"Submit" button**

Notice that all L-3 Contractors appear in cage and rating date order. The results are showing 1-10 of 30 viewable options.

NASA Quality Leader

File Edit View Favo

Back Address https://devcf

DEFENSE CONTRACT MANAGEMENT AGENCY
eTools
Welcome
Home

Search Results

Search Criteria

Contractor Name	L-3	CAGE	Not entered
Program	Not entered	Center	Not entered
Month	Not entered	Year	Not entered

Search Results

Rating Date	CAGE	Contractor Name	Overall Indicator	Location	CMO DODAAC
12/2004	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
1/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
1/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
2/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
2/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
3/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
3/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
4/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
4/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
5/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A

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eTools Training Site Index Links Privacy FOIA Accessibility

Done Local intranet

DCMA View Contractor Data

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To view a specific contractor's data, select the blue (i). Example: select 2/2005 for cage code 11447.

The screenshot shows the NASA Quality Leading Indicator 2.0 web application. The search criteria are: Contractor Name (Not entered), Program (Not entered), Month (Not entered), Center (Not entered), and Year (Not entered). The search results table lists data for various contractors, with the row for 2/2005 and cage code 11447 highlighted. A red arrow points from the instruction text to the blue 'i' icon in the search results table.

Rating Date	CAGE	Contractor Name	Overall Indicator	Location	CMO DODAAC
12/2004	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
1/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
1/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
2/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
2/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
3/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
3/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
4/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A
4/2005	11447	L-3 COMMUNICATIONS CORPORATION		NJ	S3110A
5/2005	1NZ85	L-3 COMMUNICATIONS CORP. SPACE & NAVIGATION DIVISION		NJ	S3102A



DCMA View Contractor Data

DEFENSE CONTRACT MANAGEMENT AGENCY

NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address <https://devcf.dcm.mil/nasaqli2.0/viewRating.cfm>

Contractor

Contractor Name L-3 COMMUNICATIONS CORPORATION
Location NJ
Program(s) - Center(s) INTERNATIONAL SPACE STATION - NASA Lyndon B Johnson Space Center
POLAR OPERATIONAL ENVIRONMENTAL SATELLITES (POESAT)

DCMA Point of Contact Details

Name James Rodden
Telephone Number 856-338-3001
E-Mail james.rodde@dcma.mil

2/2005 Ratings

Indicator	Program	Status	Modified
Corrective Action Requests	ALL PROGRAMS		-
External Findings and Quality Escapes	ALL PROGRAMS		-
Monitoring and Measurement	ALL PROGRAMS		-
Corrective Action System	ALL PROGRAMS		-
Analysis of Quality Data	ALL PROGRAMS		-
Purchasing and Control of Sub-Tier Suppliers	ALL PROGRAMS		-
Documentation and Control of Procedures	ALL PROGRAMS		-
Personnel Qualifications	ALL PROGRAMS		-

No Surveys or Audits performed this month.
No open corrective actions.
Quality data shows that the products are compliant...
Sub-Tier suppliers built to the wrong revision due...
-
Personnel are a month behind special process cert....

2005 Ratings [export](#)

Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Corrective Action Requests												
External Findings and Quality Escapes												
Monitoring and Measurement												
Corrective Action System												
Analysis of Quality Data												

Local intranet

This page opens. The contractor "View Rating" shows the contractor name, DCMA POC info, month rated (2/ 2005), Indicator Ratings, and other 2005 monthly status ratings.



DCMA View Indicator Data

DEFENSE CONTRACT MANAGEMENT AGENCY

Note: if the circle is Grey color no data is available or that Indicator was not assessed during that month

NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address <https://devcf.dcma.mil/nasaqli2.0/viewRating.cfm>

DCMA Point of Contact Details

Name: James Rodden
Telephone Number: 856-338-3001
E-Mail: james.rodden@dcma.mil

2/2005 Ratings

Indicator	Program	Status	Modified	Modified By	Comments
Corrective Action Requests	ALL PROGRAMS		-	-	No open Corrective Actions
External Findings and Quality Escapes	ALL PROGRAMS		-	-	-
Monitoring and Measurement	ALL PROGRAMS		-	-	No Surveys or Audits performed this month.
Corrective Action System	ALL PROGRAMS		-	-	No open corrective actions.
Analysis of Quality Data	ALL PROGRAMS		-	-	Quality data shows that the products are compliant...
Purchasing and Control of Sub-Tier Suppliers	ALL PROGRAMS		-	-	Sub-Tier suppliers built to the wrong revision due...
Documentation and Control of Procedures	ALL PROGRAMS		-	-	-
Personnel Qualifications	ALL PROGRAMS		-	-	Personnel are a month behind special process cert....

2005 Ratings [export](#)

Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Corrective Action Requests												
External Findings and Quality Escapes												
Monitoring and Measurement												
Corrective Action System												
Analysis of Quality Data												
Purchasing and Control of Sub-Tier Suppliers												
Documentation and Control of Procedures												
Personel Qualifications												

Done Local intranet



DCMA View Indicator Data

DEFENSE CONTRACT MANAGEMENT AGENCY

NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address <https://devcf.dcma.mil/nasaqli2.0/viewRating.cfm>

DCMA eTools
Welcome Birmingham Eldridge
Home

View Rating (2/2005)

Contractor

Contractor Name	L-3 COMMUNICATIONS CORPORATION
Location	NJ
Program(s) - Center(s)	INTERNATIONAL SPACE STATION - NASA POLAR OPERATIONAL ENVIRONMENTAL S

DCMA Point of Contact Details

Name	James Rodden
Telephone Number	856-338-3001
E-Mail	james.rodgen@dcma.mil

2/2005 Ratings

Indicator	Program	Status	Modified	Modified By	Comments
Corrective Action Requests	ALL PROGRAMS		-	-	No open Corrective Actions
External Findings and Quality Escapes	ALL PROGRAMS		-	-	-
Monitoring and Measurement	ALL PROGRAMS		-	-	No Surveys or Audits performed this month.
Corrective Action System	ALL PROGRAMS		-	-	No open corrective actions.
Analysis of Quality Data	ALL PROGRAMS		-	-	Quality data shows that the products are compliant...
Purchasing and Control of Sub-Tier Suppliers	ALL PROGRAMS		-	-	Sub-Tier suppliers built to the wrong revision due...
Documentation and Control of Procedures	ALL PROGRAMS		-	-	-
Personnel Qualifications	ALL PROGRAMS		-	-	Personnel are a month behind special process cert....

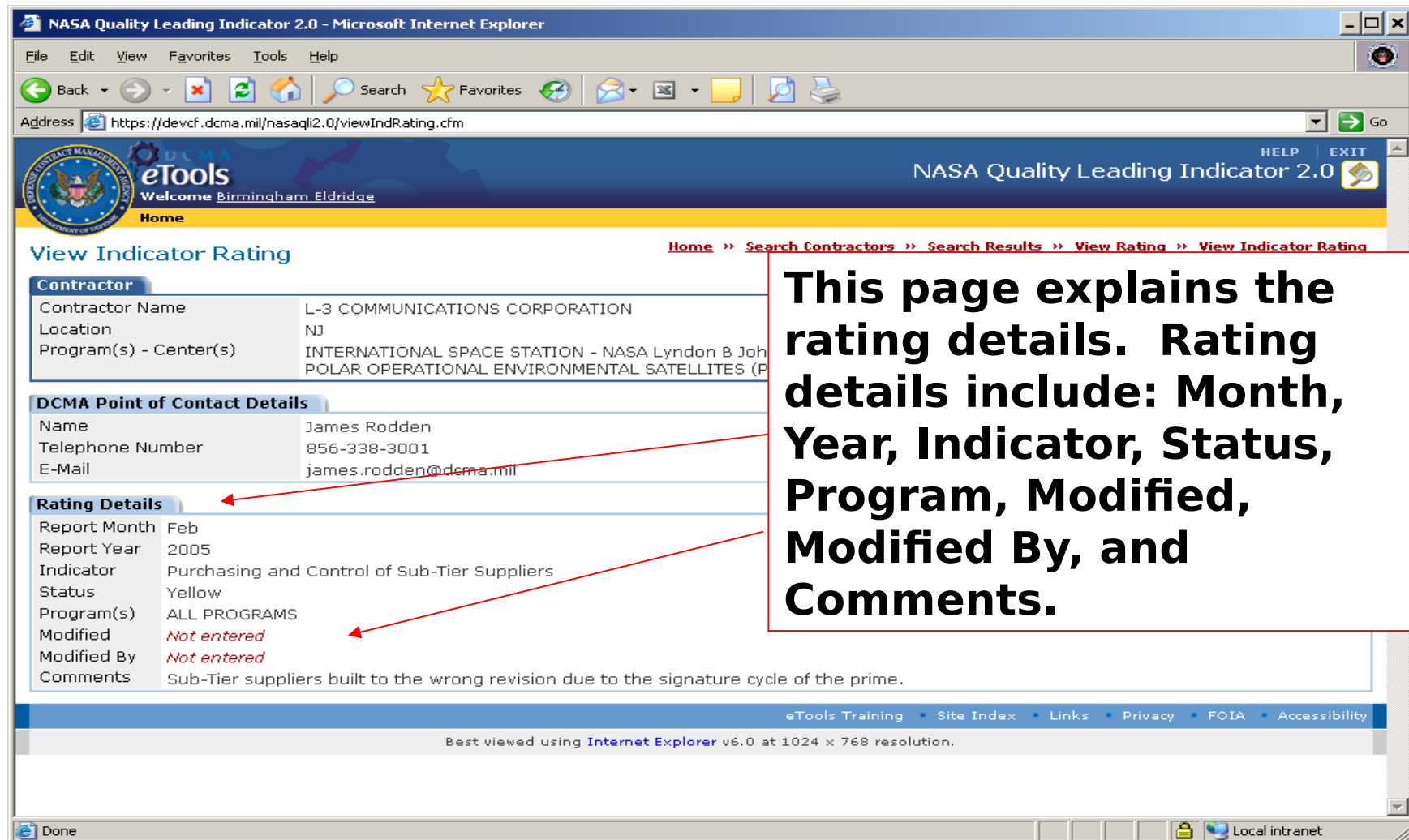
2005 Ratings [export](#)

Indicator Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Local intranet

To view a specific indicator, select the blue (i). Example: To view the Yellow status rating comments of the "Purchasing & Control of Sub-Tier Suppliers", select the i next to that indicator.





NASA Quality Leading Indicator 2.0 - Microsoft Internet Explorer

Address: <https://devcf.dcm.mil/nasaqli2.0/viewIndRating.cfm>

NASA Quality Leading Indicator 2.0

View Indicator Rating

Contractor

Contractor Name	L-3 COMMUNICATIONS CORPORATION
Location	NJ
Program(s) - Center(s)	INTERNATIONAL SPACE STATION - NASA Lyndon B Johnson Space Center POLAR OPERATIONAL ENVIRONMENTAL SATELLITES (POESAT)

DCMA Point of Contact Details

Name	James Rodden
Telephone Number	856-338-3001
E-Mail	james.rodgen@dcm.mil

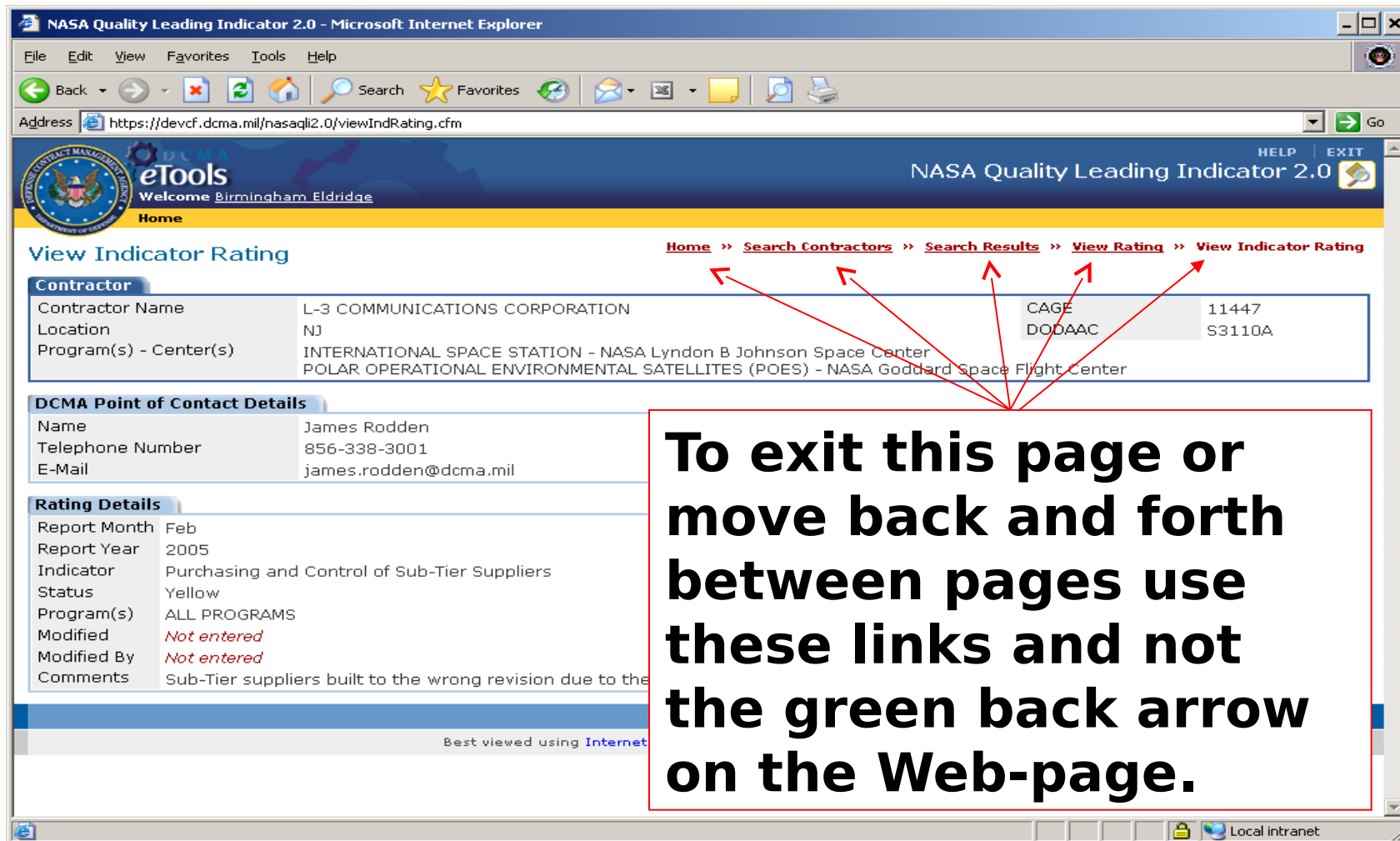
Rating Details

Report Month	Feb
Report Year	2005
Indicator	Purchasing and Control of Sub-Tier Suppliers
Status	Yellow
Program(s)	ALL PROGRAMS
Modified	Not entered
Modified By	Not entered
Comments	Sub-Tier suppliers built to the wrong revision due to the signature cycle of the prime.

This page explains the rating details. Rating details include: Month, Year, Indicator, Status, Program, Modified, Modified By, and Comments.

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View Indicator Rating

Contractor

Contractor Name	L-3 COMMUNICATIONS CORPORATION	CAGE	11447
Location	NJ	DODAAC	S3110A
Program(s) - Center(s)	INTERNATIONAL SPACE STATION - NASA Lyndon B Johnson Space Center POLAR OPERATIONAL ENVIRONMENTAL SATELLITES (POES) - NASA Goddard Space Flight Center		

DCMA Point of Contact Details

Name	James Rodden
Telephone Number	856-338-3001
E-Mail	james.rodgen@dcmamc.mil

Rating Details

Report Month	Feb
Report Year	2005
Indicator	Purchasing and Control of Sub-Tier Suppliers
Status	Yellow
Program(s)	ALL PROGRAMS
Modified	Not entered
Modified By	Not entered
Comments	Sub-Tier suppliers built to the wrong revision due to the

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To exit this page or move back and forth between pages use these links and not the green back arrow on the Web-page.

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Address <https://devcf.dcm.mil/nasaqli2.0/viewRating.cfm>

Telephone Number 800-338-3003
E-Mail james.rodgen

2/2005 Ratings

Indicator

- Corrective Action Requests
- External Findings and Quality Escapes
- Monitoring and Measurement
- Corrective Action System
- Analysis of Quality Data
- Purchasing and Control of Sub-Tier Suppliers
- Documentation and Control of Procedures
- Personel Qualifications

2005 Ratings

Indicator

Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Corrective Action Requests	G	G	G	G	G	G	G	G	G	G	G	G
External Findings and Quality Escapes	Y		Y	Y	Y	G	G	G	G	G	Y	Y
Monitoring and Measurement		G	G	G	G	G		G	Y	G	Y	Y
Corrective Action System	G	G	G	G	G	G	G	G	G	G	G	G
Analysis of Quality Data	G	G	G	G	G	G	G		G	G	Y	G
Purchasing and Control of Sub-Tier Suppliers	Y	Y	G	G	G	G	G		G	Y	G	Y
Documentation and Control of Procedures	G		G	G	G	G	G	G	G	G	G	G
Personel Qualifications	Y	Y	G	G	G	G	G	G	G	Y	G	Y

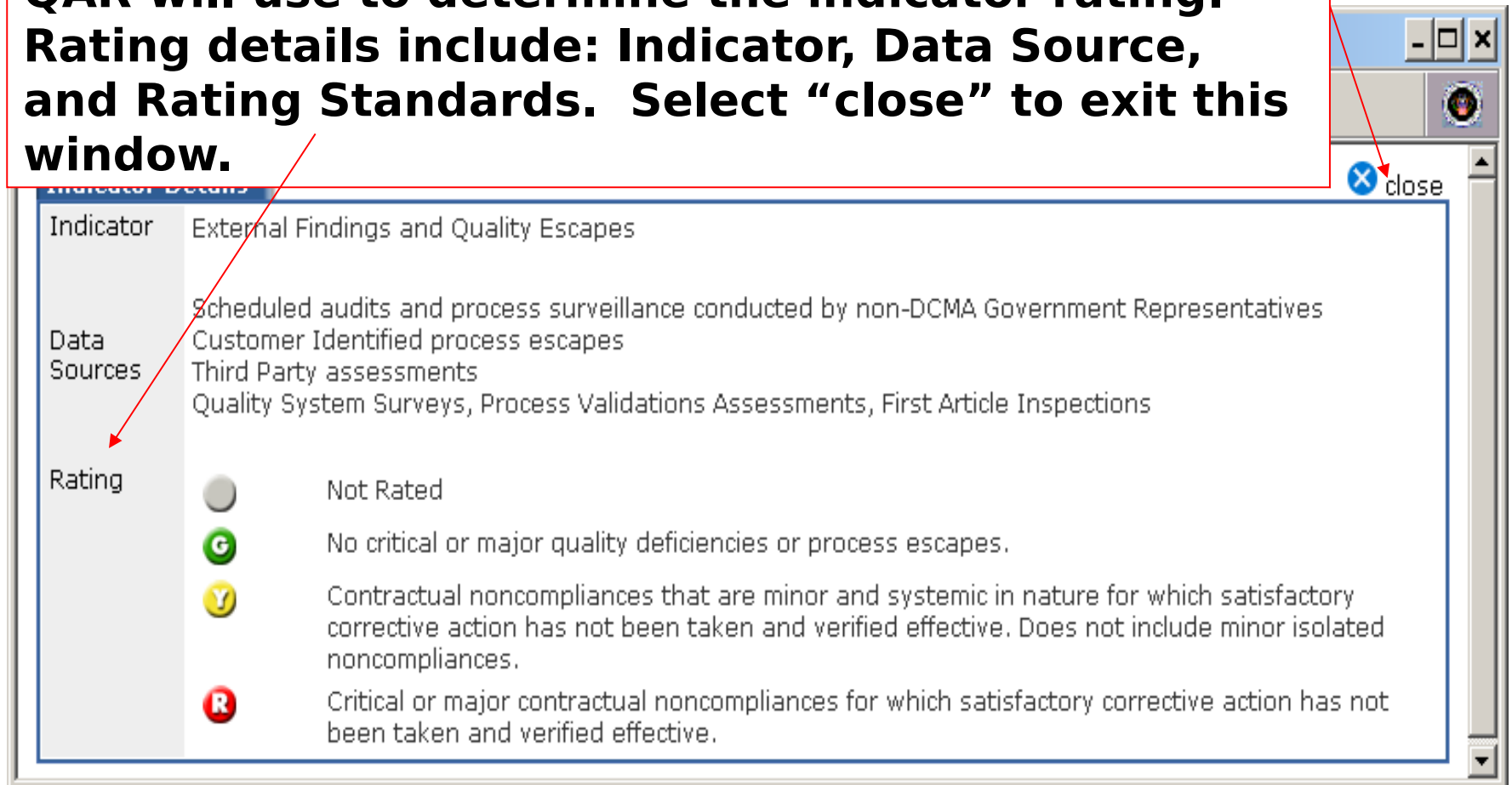
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javascript:popWindow('indicators.cfm?ind_id=6',800,350,100,100,'yes','yes','yes')

Local intranet

To view an indicator rating criteria, select the underlined blue indicator.
Example: select "Purchasing & Control of Sub-Tier Suppliers" indicator.

This page explains the rating criteria details the QAR will use to determine the indicator rating. Rating details include: Indicator, Data Source, and Rating Standards. Select “close” to exit this window.



Indicator	Data Sources	Rating
External Findings and Quality Escapes	Scheduled audits and process surveillance conducted by non-DCMA Government Representatives Customer Identified process escapes Third Party assessments Quality System Surveys, Process Validations Assessments, First Article Inspections	Not Rated G No critical or major quality deficiencies or process escapes. Y Contractual noncompliances that are minor and systemic in nature for which satisfactory corrective action has not been taken and verified effective. Does not include minor isolated noncompliances. R Critical or major contractual noncompliances for which satisfactory corrective action has not been taken and verified effective.

View a Different Month

DEFENSE CONTRACT MANAGEMENT AGENCY

To view a different month's rating details, click on that month. Example: to move from Jan 05 data, select the month of October indicator.

2/2005 Ratings

Indicator	ALL PROGRAMS			
Corrective Action Requests		-	-	-
External Findings and Quality Escapes	G	-	-	No Surveys or Audits performed this month.
Monitoring and Measurement	G	-	-	No open corrective actions.
Corrective Action System	G	-	-	Quality data shows that the products are compliant...
Analysis of Quality Data	G	-	-	Sub-Tier suppliers built to the wrong revision due...
Purchasing and Control of Sub-Tier Suppliers	Y	-	-	-
Documentation and Control of Procedures		-	-	Personnel are a month behind special process cert....
Personel Qualifications	Y	-	-	

2005 Ratings

Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Corrective Action Requests	G	G	G	G	G	G	G	G	G	G	G	G
External Findings and Quality Escapes	Y		Y	Y	Y	G	G	G	G	G	Y	Y
Monitoring and Measurement		G	G	G	G	G		G	Y	G	Y	Y
Corrective Action System	G	G	G	G	G	G	G	G	G	G	G	G
Analysis of Quality Data	G	G	G	G	G	G	G		G	G	Y	G
Purchasing and Control of Sub-Tier Suppliers	Y	Y	G	G	G	G	G		G	Y	G	Y
Documentation and Control of Procedures	G		G	G	G	G	G	G	G	G	G	G
Personel Qualifications	Y	Y	G	G	G	G	G	G	G	Y	G	Y

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View Rating (10/2005)

Contractor

Contractor Name: L-3 COMMUNICATIONS CORP
 Location: NJ
 Program(s) - Center(s): INTERNATIONAL SPACE STATION - NASA Lyndon B Johnson Space Center
 POLAR OPERATIONAL ENVIRONMENTAL SATELLITES (POES) - NASA Goddard Space Flight Center

DCMA Point of Contact Details

Name: James Rodden
 Telephone Number: 856-338-3001
 E-Mail: james.rodden@dcmamc.nasa.gov

10/2005 Ratings

Indicator	Program	Status	Modified	Modified By	Comments
Corrective Action Requests	ALL PROGRAMS	G	-	-	No open CARs.
External Findings and Quality Escapes	ALL PROGRAMS	G	-	-	No Quality Escapes reported this month.
Monitoring and Measurement	ALL PROGRAMS	G	-	-	No internal audit findings.
Corrective Action System	ALL PROGRAMS	G	-	-	Corrective Action Board has no open CARs.
Analysis of Quality Data	ALL PROGRAMS	G	-	-	No adverse trends
Purchasing and Control of Sub-Tier Suppliers	ALL PROGRAMS	Y	-	-	Some subs workmanship certs are going to expire.
Documentation and Control of Procedures	ALL PROGRAMS	G	-	-	Purchasing and incoming inspection procedures were...
Personel Qualifications	ALL PROGRAMS	Y	-	-	Some personnel are out of soldering certification.

2005 Ratings

Indicator: [Corrective Action Requests](#)

Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Corrective Action Requests	G	G	G	G	G	G	G	G	G	G	G	G
External Findings and Quality Escapes	Y	G	Y	Y	Y	G	G	G	G	G	Y	Y

Local intranet

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Address <https://devcf.dcm.mil/nasaqli2.0/viewRating.cfm>

10/2005 Ratings

Indicator

- Corrective Action Request
- External Findings and Quality Escapes
- Monitoring and Measurement
- Corrective Action System
- Analysis of Quality Data
- Purchasing and Control of Sub-Tier Suppliers
- Documentation and Control of Procedures
- Personnel Qualifications

ALL PROGRAMS  - - Some personnel are out of soldering certification.

2005 Ratings

 export

Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Corrective Action Requests												
External Findings and Quality Escapes												
Monitoring and Measurement												
Corrective Action System												
Analysis of Quality Data												
Purchasing and Control of Sub-Tier Suppliers												
Documentation and Control of Procedures												
Personel Qualifications												

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https://devcf.dcma.mil/nasaqli2.0/exportYrRatings.cfm - Microsoft Internet Explorer

Address: https://devcf.dcma.mil/nasaqli2.0/exportYrRatings.cfm

A1 2005 Ratings for L-3 COMMUNICATIONS CORPORATION

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	2005 Ratings for L-3 COMMUNICATIONS CORPORATION														
2															
3	Contractor Name	L-3	CAGE	11447											
4	Location	NJ	DODAAC	S3110A											
5	Program(s) - Center(s)	INTERNATIONAL SPACE STATION - NASA Lyndon B POLAR OPERATIONAL ENVIRONMENTAL SATELLITES													
6															
7															
8															
9	Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
10	Corrective Action Requests	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green		
11	External Findings and Quality Escapes	Yellow	Grey	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green	Yellow	Yellow		
12	Monitoring and Measurement	Grey	Green	Green	Green	Green	Green	Grey	Green	Yellow	Green	Yellow	Yellow		
13	Corrective Action System	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green		
14	Analysis of Quality Data	Green	Green	Green	Green	Green	Green	Green	Grey	Green	Green	Yellow	Green		
15	Purchasing and Control of Sub-Tier Suppliers	Yellow	Yellow	Green	Green	Green	Green	Green	Grey	Green	Yellow	Green	Yellow		
16	Documentation and Control of Procedures	Green	Grey	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green		
17	Personel Qualifications	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Green	Yellow	Green	Yellow		
18															
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exportYrRatings

Unknown Zone

The monthly / yearly data report is then available as an excel spreadsheet. Useful for DCMA monthly contractor meetings, etc.

DETAIL BACK-UP SLIDES

Corrective Action Requests

Indicator 1

Objective

- To assess the number or severity of contractor nonconformance's or Corrective Action Requests (CARs) identified by DCMA

Data Sources

- Any identified nonconformance requiring corrective action by the contractor
- Nonconformance's identified as CARs, NASA Discrepancy Reports, or any other name used by the contractor
- AS9100 clause 8.5.2 Corrective Action
- AS9100 clause 8.5.3 Preventive Action

Rating Criteria

- **Green Rating** - No critical or major quality deficiencies.
- **Yellow Rating** - Open contractual nonconformances that are minor and systemic in nature, which could adversely affect cost, schedule, or performance if not corrected in a timely manner. Minor isolated nonconformances should not result in a yellow rating. Nonconformances in this category are written and directed to the contract management level responsible for the process.
- **Red Rating** - Open critical or major contractual nonconformances which may include contractual remedies such as reductions of progress payments, cost disallowances, cure notices, show cause letters or business management system disapprovals. Nonconformances in this category are written and directed to top program management for resolution within a specified period.

Indicator 2

Objective

- To assess the severity of findings detected during customer/third party audits, inspections, or process surveillance

Data sources

- AS9100 Clause 8
- Scheduled audits and process surveillance conducted by non-DCMA Government representatives
- Customer identified process escapes
- Third party assessments
- Quality System Surveys, Process Validation Assessments, First Article Inspections, Functional Configuration Audits, Physical Configuration Audits, Hardware Acceptance Reviews, Independent Product/Process Assessments, and Calibration/ Metrology Assessments

Rating Criteria

- **Green Rating** - No critical or major quality deficiencies or process escapes.__
- **Yellow Rating** - Contractual nonconformances that are minor and systemic in nature for which satisfactory corrective action has not been taken and verified effective. Does not include minor isolated nonconformances.
- **Red Rating** - Critical or major contractual nonconformances for which satisfactory corrective action has not been taken and verified effective.

Indicator 3

Objective

- To assess the effectiveness of the supplier's Monitoring and Measurement system

Data Sources

- AS9100, Clause 8.2.2, 8.2.3, 8.2.4, and 8.4

And / Or

- Supplier Internal Audits and process/product monitoring

Rating Criteria

- **Green Rating** - Comprehensive and effective internal audit and process/product monitoring program in place.
- **Yellow Rating** - Internal audits and process/product monitoring do not cover all key areas of supplier's quality system, do not include key attributes within a quality system area, are not being scheduled at appropriate periodicity, are greatly behind in schedule, or are not adequately codified in written instructions.
- **Red Rating** - Internal audits and process/product monitoring are not being performed or are ineffective based on multiple Yellow Rating factors.

Indicator 4

Objective

- To assess the effectiveness of the contractor's Corrective Action System
- Root cause Analysis, Follow-up activity
- Prevention of Recurrence

Data Sources

- AS9100, Clause 8.5.2
- AS9100, Clause 8.5.3

And / Or

- Any documented corrective action, root cause analysis, or follow-up activity taken by the contractor based on nonconformance's identified as CARs, NASA Discrepancy Reports, or any other name used by the contractor

Rating Criteria

- **Green Rating** - Supplier maintains an effective corrective action system.
- **Yellow Rating** - Supplier does not consistently identify and correct the causes of critical/major deficiencies reported, take action to identify and disposition (reject/correct) all product potentially affected by identified causes, or validate the effectiveness of preventive measures taken.
- **Red Rating** - Supplier does not implement preventive measures (correct deficiency causes) or identify and disposition potentially deficient material.

Indicator 5

Objective

- To assess the effectiveness of the supplier's use of quality/nonconformance data to remedy negative trends

Data Sources

- AS9100, Clause 8.4
- AS9100, Clause 8.5.1

And / Or

- Supplier nonconformance metrics



Rating Criteria

- **Green Rating** - Supplier uses their quality/nonconformance data to effectively remedy poor performance.
- **Yellow Rating** - Supplier does not maintain quality performance data for all key areas within their quality system or does not effectively use metrics to remedy poor performance.
- **Red Rating** - Supplier does not perform, or take action based on, quality data analysis.

Indicator 6

Objective

- To assess the effectiveness of the supplier's system for ensuring the quality of purchased product

Data Sources

- AS9100, Clause 7.4

And / Or

- Supplier's sub-tier supplier quality performance and evaluation data, purchase orders, sub-tier supplier product verification data

Rating Criteria

- **Green Rating** - Supplier effectively ensures the quality of purchased product.
- **Yellow Rating** - Supplier purchase orders do not specify all necessary technical information or flow down all required quality requirements; supplier does not effectively use sub-tier supplier quality data for institution of appropriate quality assurance measures and as part of the supplier selection process; or supplier does not perform sufficient verification actions to ensure conformance of purchased product.__
- **Red Rating** - Supplier does not ensure the quality of purchased product based on multiple Yellow Rating factors identified above.



Indicator 7

Objective

- To assess the effectiveness of the supplier's system for documenting and controlling quality system procedures.

Data Sources

- AS9100, Clause 4.2
- AS9100, Clause 4.3.

And / Or

- Supplier Quality Manual, Documented Quality System procedures, test and inspection plans, and configuration management

Rating Criteria

- **Green Rating** - Supplier maintains comprehensive set of documented procedures needed to ensure the effective planning, operation, and control of quality system processes.
- **Yellow Rating** - Supplier does not maintain key procedures; documented procedures do not reflect contract requirements, are inadequate, out of date, or incomplete; or documented procedures are not effectively controlled to ensure proper approval, incorporation of changes, and revision status.
- **Red Rating** - Supplier's system for documenting and controlling quality system procedures is inadequate (based on multiple Yellow Rating factors identified above).

Indicator 8

Objective

- To assess the effectiveness of the supplier's system for ensuring personnel qualifications and competency

Data Sources

- AS9100, Clause 6.2
- And / Or
- Supplier personnel training & qualification records



Rating Criteria

- **Green Rating** - Supplier maintains an effective system for ensuring that all personnel performing work affecting product quality are qualified and competent based on appropriate education, training, skills, and experience.
- **Yellow Rating** - Lapsed personnel training/qualifications, failure to ensure effectiveness of training.
- **Red Rating** - Lack of training/qualification requirements for key processes; non-trained and non-qualified personnel performing work.

New risk calculations:

1. Risk rating = **Red** if: 1 or more red ratings are documented in Group 1 /OR/ 2 or more red ratings are documented in Groups 2 or 3.
2. Risk rating = **Yellow** if: 1 red rating is documented in Group 2 or 3 /OR/ 1 or more yellow ratings are documented in Group 1 or 2 /OR/ 2 or more yellow ratings are documented in Group 3.
3. Risk rating = **Green** if: 1 yellow rating is documented in Group 3 /OR/ otherwise all green ratings documented.

Groups are divided as follows:

1. **Group 1** = Elements 1 & 2, Corrective Action Requests; External Findings and Quality Escapes
2. **Group 2** = Elements 3, 4, 5, & 6, Monitoring and Measurement; Corrective Action System; Analysis of Quality Data; Purchasing and Control of Sub-tier Suppliers
3. **Group 3** = Elements 7 & 8, Documentation and Control of Procedures; Personnel Qualification and Competency.